## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref<br># | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time<br>Stamp       |
|----------|------|--|--|---------------------|---------|---------------------|
| S1       | 5667 | (risk\$1 or riskiness or liabilit\$3)<br>NEAR6 (((power or assembly)<br>NEAR2 plant\$1) or facilit\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2011/06/09<br>10:55 |
| S2       | 109  | S1 AND ((relative\$2 or ratio or ratios or percent\$5 or power\$3 or influen\$5) NEAR6 (risk\$1 or riskiness or liabilit\$3) NEAR6 (mitigat\$5 or safety or protect\$5 or insur\$5)) | USPAT;   | OR                  | ON      | 2011/06/09<br>10:57 |
| S3       | 45   | S2 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2011/06/09<br>10:58 |
| S4       | 36   | S3 AND (measur\$3 or measurement\$4 or sensor\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2011/06/09<br>11:21 |
| S5       | 36   | S4 and (sum\$4 or summation\$1 or add\$3 or addition\$1 or total\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2011/06/09<br>11:22 |
| S6       | 36   | S4 and (sum\$4 or summation\$1 or add\$3 or total\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2011/06/09<br>11:22 |
| S7       | 36   | S4 and (sum\$4 or summation\$1 or add\$3 or total\$4 or cumulative\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2011/06/09<br>11:23 |
| S8       | 25   | S4 and ((sum\$4 or summation\$1 or   | US-PGPUB;  | OR                  | ON      | 2011/06/09          |

|     |      | 23 ' ' 2   | USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB              |    |    | 11:23               |
|-----|------|--|--|----|----|---------------------|
| S9  | 554  | (sum\$4 or summation\$1 or add\$3 or<br>total\$4 or cumulative\$2) NEAR5<br>(risk\$1 or riskiness or liabilit\$3)<br>NEAR6 (weight\$3 or coefficient\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/09<br>16:02 |
| S10 | 4184 |  | USPAT;<br>USOCR;   | OR | ON | 2011/06/09<br>16:03 |
| S11 | 13   | S9 SAME S10  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/09<br>16:04 |
| S12 | 8    | S11 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/09<br>16:04 |
| S13 | 1058 | (sum\$4 or summation\$1 or add\$3 or total\$4 or cumulative\$2) NEAR6 (mitigat\$5 or safety or protect\$5 or insur\$5 or countermeasur\$3) NEAR6 (risk\$1 or liabilit\$3 or threat\$3 or vulnerab\$6 or riskiness) | USPAT;<br>USOCR;   | OR | ON | 2011/06/09<br>16:06 |
| S14 | 609  | S13 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/09<br>16:06 |
| S15 | 197  | S14 and "705"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/09<br>16:07 |
| S17 | 7    | risk NEAR6 protection NEAR6 sum  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;            | OR | ON | 2011/06/09<br>23:26 |

|     |       |  | IBM_TDB  |    | *************************************** |                     |
|-----|-------|--|--|----|---|---------------------|
| S18 | 7     | S17 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2011/06/09<br>23:26 |
| S19 | 8     | (sum\$4 NEAR5 risk\$1) AND (sum\$3<br>NEAR5 protection\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2011/06/12<br>18:46 |
| S20 | 4     | S19 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2011/06/12<br>18:46 |
| S21 | 97    | pannatier-y\$.in. or maechler-a\$.in.<br>or muster-t\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2011/06/12<br>18:48 |
| S22 | 24    | S21 AND risk   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2011/06/12<br>18:48 |
| S23 | 388   | 11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2011/06/12<br>18:50 |
| S24 | 516   | (sum\$4 or summation\$1 or total\$4 or cumulative\$2) NEAR5 (risk\$1 or riskiness or liabilit\$3) NEAR6 (weight\$3 or coefficient\$1 or sever\$5 or critical\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2011/06/12<br>18:50 |
| S25 | 38978 | (sum\$4 or summation\$1 or total\$4 or cumulative\$2) NEAR6 (mitigat\$5 or safety or protect\$5 or insur\$5 or countermeasur\$3)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                      | 2011/06/12<br>18:52 |
| S26 | 18    | S24 SAME S25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;                                | OR | ON                                      | 2011/06/12<br>18:52 |

|     |       |   | JPO;<br>DERWENT;<br>IBM_TDB  | The state of the s | *************************************** |                     |
|-----|-------|---|--|--|---|---------------------|
| S27 | 9     | S26 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON                                      | 2011/06/12<br>18:52 |
| S28 | 19393 | (suntract\$5 or cancel\$6 or<br>balance\$1) NEAR6 (mitigat\$5 or<br>safety or protect\$5 or insur\$5 or<br>countermeasur\$3)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON                                      | 2011/06/12<br>18:56 |
| S29 | 20929 | (subtract\$5 or cancel\$6 or<br>balance\$1) NEAR6 (mitigat\$5 or<br>safety or protect\$5 or insur\$5 or<br>countermeasur\$3)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON                                      | 2011/06/12<br>18:56 |
| S30 | 0     | S24 SAME S29  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON                                      | 2011/06/12<br>18:56 |
| S31 | 13    | \$24 AND \$29   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON                                      | 2011/06/12<br>18:57 |
| S32 | 6     | (normaliz\$6 or normalis\$6) NEAR5<br>(risk\$1 or riskiness or liabilit\$3)<br>NEAR6 (industry or building\$1 or<br>facilit\$3 or industries) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON                                      | 2011/06/12<br>19:00 |
| S33 | О     | S32 AND (@pd< "20040203" or<br>@rlad< "20040203" or<br>@pt3d< "20040203" or<br>@ad< "20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON                                      | 2011/06/12<br>19:01 |
| S34 | 27    | (normaliz\$6 or normalis\$6) NEAR7<br>(risk\$1 or riskiness or liabilit\$3)<br>SAME (industry or building\$1 or<br>facilit\$3 or industries)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON                                      | 2011/06/12<br>19:01 |
| S35 | 14    | S34 AND (@pd<"20040203" or<br>@rlad<"20040203" or   | US-PGPUB;<br>USPAT;  | OR   | ON                                      | 2011/06/12<br>19:01 |

|     |       | @pt3d< "20040203" or<br>@ad< "20040203")  | USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                        |    |     |                     |
|-----|-------|---|--|----|-----|---------------------|
| S36 | 75    | (benchmark\$4) NEAR7 (risk\$1 or<br>riskiness or liabilit\$3) SAME (industry<br>or building\$1 or facilit\$3 or<br>industries)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/06/12<br>19:04 |
| S37 | 14    | S35 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/06/12<br>19:04 |
| S38 | 44    | S36 AND (@pd< "20040203" or<br>@rlad< "20040203" or<br>@pt3d< "20040203" or<br>@ad< "20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/06/12<br>19:05 |
| S39 | 43    | S38 not S35   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/06/12<br>19:05 |
| S40 | 530   | (705/7.28).CCLS.  | US-PGPUB;<br>USPAT   | OR | OFF | 2011/06/12<br>23:09 |
| S41 | 7288  | (minimis\$6 or minimis\$6) NEAR4<br>(risk\$4 or liabilit\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/06/20<br>15:10 |
| S42 | 2188  | S41 and (dimension\$2 or matrix or matrices or matrixes)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/06/20<br>15:11 |
| S44 | 23681 | (dimension\$2 or matrix or matrices<br>or matrixes) SAME (protect\$5 or<br>mitigat\$5 or minimiz\$6 or minimis\$6<br>or reduc\$3 or reduction\$1) SAME<br>(risk\$4 or liabilit\$3 or danger\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/06/20<br>17:37 |
| S45 | 25651 | (dimension\$2 or matrix or matrices<br>or matrixes) SAME (protect\$5 or<br>mitigat\$5 or minimiz\$6 or minimis\$6<br>or reduc\$3 or reduction\$1) SAME<br>(risk\$4 or liabilit\$3 or danger\$5 or | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;                        | OR | ON  | 2011/06/20<br>17:37 |

|     |      | threat\$3 or vulnerab\$6)   | DERWENT;<br>IBM_TDB  |    |    | :                   |
|-----|------|---|--|----|----|---------------------|
| S46 | 5556 | (matrix or matrices or matrixes) SAME (protect\$5 or mitigat\$5 or minimiz\$6 or minimis\$6 or reduc\$3 or reduction\$1) SAME (risk\$4 or liabilit\$3 or danger\$5 or threat\$3 or vulnerab\$6)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/20<br>17:37 |
| S47 | 274  | (matrix or matrices or matrixes) NEAR5 (protect\$5 or mitigat\$5 or minimiz\$6 or minimis\$6 or reduc\$3 or reduction\$1) NEAR5 (risk\$4 or liabilit\$3 or danger\$5 or threat\$3 or vulnerab\$6) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/20<br>17:37 |
| S48 | 192  | S47 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/20<br>17:38 |
| S49 | 17   | (normaliz\$6 or normalis\$6 or<br>benchmark\$3) NEAR5 (risk\$3 or<br>liabilit\$3) NEAR5 (facilit\$3 or<br>building\$1 or nuclear\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/20<br>20:54 |
| S50 | 6    | S49 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/20<br>20:54 |
| S51 | 45   | (normaliz\$6 or normalis\$6 or<br>benchmark\$3 or threshold\$1) NEAR5<br>(risk\$3 or liabilit\$3) NEAR5 (facilit\$3<br>or building\$1 or nuclear\$2 or<br>industry or industries)                 |  | OR | ON | 2011/06/20<br>21:09 |
| S52 | 17   | S51 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/20<br>21:09 |
| S53 | 11   | S52 not S49   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/06/20<br>21:10 |
| S54 | 21   | NEAR6 (risk\$2) NEAR7 protection  | US-PGPUB;<br>USPAT;<br>USOCR;  | OR | ON | 2011/10/11<br>10:14 |

|     |         |  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                                  |    |    |                     |
|-----|---------|--|--|----|----|---------------------|
| S55 | 6       | S54 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/10/11<br>10:14 |
| S56 | 1491533 | (graph\$3 or table\$1 or axes or axis)<br>SAME (risk\$2) SAME "7" protection                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/10/11<br>10:15 |
| S57 | 1228    | (graph\$3 or table\$1 or axes or axis)<br>SAME (risk\$2) SAME protection                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/10/11<br>10:15 |
| S58 | 739     | S57 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/10/11<br>10:15 |
| S59 | 44      | S58 and "705"\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/10/11<br>10:16 |
| S60 | 1419    | (graph\$3 or table\$1 or axes or axis)<br>SAME (risk\$2) SAME insur\$4                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | OR | ON | 2011/10/11<br>10:18 |
| S61 | 986     | \$60 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/10/11<br>10:18 |
| S62 | 85      | (graph\$3 or table\$1 or axes or axis)<br>NEAR6 (risk\$2) NEAR7 insur\$5                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/10/11<br>10:18 |
| S63 | 47      | S62 AND (@pd<"20040203" or   | US-PGPUB;  | OR | ON | 2011/10/11          |

|     |     | @rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB              |    |     | 10:19               |
|-----|-----|--|--|----|-----|---------------------|
| S64 | 5   | (map\$1 or mapped or mapping or<br>(look\$3 NEAR2 up)) NEAR6 (risk\$2)<br>NEAR7 (protection or insur\$4)<br>NEAR8 (amount\$1 or level\$1 or<br>recommend\$6 or suggest\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>10:39 |
| S65 | 5   | S64 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>10:39 |
| S66 | 3   | (table\$1) NEAR6 (risk\$2) NEAR7<br>(protection or insur\$4) NEAR8<br>(recommend\$6 or suggest\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>10:47 |
| S67 | 2   | (table\$1) NEAR6 (risk\$2) NEAR7<br>(protection or insur\$4) NEAR8<br>(optimal\$2 or optimiz\$6 or optimis\$6<br>or required)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>10:49 |
| S68 | 1   | ((protection or insur\$4) NEAR8<br>(recommend\$6 or suggest\$5 or<br>optim\$6)) SAME (risk NEAR2<br>profile\$1 NEAR2 (table\$1 or matrix<br>or matrices))                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>10:53 |
| S69 | 25  | insurance NEAR4 table\$1 NEAR6<br>risk\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>10:55 |
| S70 | 17  | S69 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>10:55 |
| S71 | 663 | (705/7.26).CCLS.   | US-PGPUB;<br>USPAT   | OR | OFF | 2011/10/11<br>11:45 |
| S72 | 38  | (normaliz\$6 or normalis\$6) NEAR5<br>risk\$1 NEAR5 (type\$1 or class\$3 or<br>facility or facilities)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;                                | OR | ON  | 2011/10/11<br>11:46 |

|     |     |   | JPO;<br>DERWENT;<br>IBM_TDB  |    |     |                     |
|-----|-----|---|--|----|-----|---------------------|
| S73 | 45  | (normaliz\$6 or normalis\$6) NEAR5<br>risk\$1 NEAR5 (type\$1 or class\$3 or<br>facility or facilities or categor\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>11:47 |
| S74 | 37  | S73 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>11:47 |
| S75 | 1   | ("7415433").PN.   | US-PGPUB;<br>USPAT   | OR | OFF | 2011/10/11<br>11:51 |
| S76 | 1   | S75 AND normali\$6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>11:51 |
| S77 | 1   | S75 AND normali\$6 AND (frequen\$4<br>NEAR4 risk\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/10/11<br>11:51 |
| S78 | 1   | ("20050033678").PN.   | US-PGPUB;<br>USPAT   | OR | OFF | 2011/10/11<br>11:54 |
| S79 | 49  | (risk\$1 or liabilit\$4) NEAR5 (graph\$1<br>or matrices or matrix\$2 or<br>quadrant\$2) NEAR9 (protect\$4 or<br>insur\$5 or mitigat\$5 or remediat\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/12/11<br>20:44 |
| S80 | 22  | S79 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/12/11<br>20:45 |
| S81 | 272 | (risk\$1 or liabilit\$4) NEAR5 (graph\$1<br>or matrices or matrix\$2 or<br>quadrant\$2 or table\$1 or chart\$3 or<br>axis or axes) NEAR9 (protect\$4 or<br>insur\$5 or mitigat\$5 or remediat\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/12/11<br>20:50 |
| S82 | 22  | S80 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;                                | OR | ON  | 2011/12/11<br>20:50 |

|     |     |   | JPO;<br>DERWENT;<br>IBM_TDB  |    |    |                     |
|-----|-----|---|--|----|----|---------------------|
| S83 | 135 | S81 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>20:50 |
| S84 | 113 | S83 not S80   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>20:50 |
| S85 | 214 | (risk\$1 or liabilit\$4) NEAR5 (chart\$1<br>or table\$1 or (column\$1 SAME<br>row\$1)) NEAR9 (protect\$4 or<br>insur\$5 or mitigat\$5 or remediat\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:05 |
| S86 | 1   | S85 SAME ((type\$1 or class\$3 or classify\$3 or classification\$1) NEAR6 (facilit\$3 or plant\$1 or nuclear\$1))                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:07 |
| S87 | 2   | (facilit\$3 or plant\$1 or nuclear\$1 or<br>building\$1))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:08 |
| S88 | 10  | S85 AND ((type\$1 or class\$3 or classify\$3 or classification\$1) NEAR6 (facilit\$3 or plant\$1 or nuclear\$1 or building\$1))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:08 |
| S89 | 8   | S88 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:08 |
| S90 | 31  | (risk\$1 or liabilit\$4) NEAR5<br>(matrix\$2 or matrices) NEAR9<br>(protect\$4 or insur\$5 or mitigat\$5 or<br>remediat\$5)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:12 |
| S91 | 2   | S90 AND ((type\$1 or class\$3 or classify\$3 or classification\$1) NEAR6  | US-PGPUB;<br>USPAT;  | OR | ON | 2011/12/11<br>21:12 |

|      |     | (facilit\$3 or plant\$1 or nuclear\$1 or building\$1))  | USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                        |    |    |                     |
|------|-----|---|--|----|----|---------------------|
| S92  | 0   | S91 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:12 |
| S93  | 3   | S90 AND ((type\$1 or class\$3 or classify\$3 or classification\$1 or categor\$3 or degree\$1) NEAR6 (facilit\$3 or plant\$1 or nuclear\$1 or building\$1 or hazard\$1))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:17 |
| S94  | 1   | S93 not S91   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:17 |
| S95  | 9   | ("2009/0177500").URPN.  | USPAT  | OR | ON | 2011/12/11<br>21:20 |
| S96  | 348 | (risk\$1 or liabilit\$4 or hazard\$4 or<br>threat\$1 or vulnerab\$5) NEAR5<br>(matrix\$2 or matrices or chart\$1 or<br>table\$1 or (column\$1 SAME row\$1))<br>NEAR9 (protect\$4 or insur\$5 or<br>mitigat\$5 or remediat\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:47 |
| S97  | 32  | S96 AND ((type\$1 or class\$3 or classify\$3 or classification\$1 or categor\$3) NEAR6 (facilit\$3 or plant\$1 or nuclear\$1 or building\$1 or hazard\$1))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:47 |
| S98  | 20  | \$97 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:47 |
| S99  | 52  | S96 AND ((type\$1 or class\$3 or classify\$3 or classification\$1 or categor\$3) NEAR6 (facilit\$3 or plant\$1 or nuclear\$1 or building\$1 or hazard\$1 or industry or industries))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>21:50 |
| S100 | 29  | S99 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;                        | OR | ON | 2011/12/11<br>21:50 |

|      |      |  | DERWENT;<br>IBM_TDB  |    |    |                     |
|------|------|--|--|----|----|---------------------|
| S101 | 52   | S96 AND ((type\$1 or class\$3 or classify\$3 or classification\$1 or categor\$3 or sector\$1) NEAR6 (facilit\$3 or plant\$1 or nuclear\$1 or building\$1 or hazard\$1 or industry or industries))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:17 |
| S102 | 399  | table\$1 or (column\$1 SAME row\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:17 |
| S103 | 60   | S102 AND ((type\$1 or class\$3 or classify\$3 or classification\$1 or categor\$3 or sector\$1) NEAR6 (facilit\$3 or plant\$1 or nuclear\$1 or building\$1 or hazard\$1 or industry or industries))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:18 |
| S104 | 33   | S103 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:18 |
| S105 | 4    | S104 not S100  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:18 |
| S106 | 9097 | (risk\$1 or liabilit\$4 or hazard\$4 or<br>threat\$1 or vulnerab\$5) SAME<br>(matrix\$2 or matrices or chart\$1 or<br>table\$1 or (column\$1 SAME row\$1)<br>or graph\$3 or intersect\$5) SAME<br>(protect\$4 or insur\$5 or mitigat\$5 or<br>remediat\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:24 |
| S107 | 557  | 31   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:24 |
| S108 | 93   | S107 AND ((type\$1 or class\$3 or classify\$3 or classification\$1 or categor\$3 or sector\$1) NEAR6 (facilit\$3 or plant\$1 or nuclear\$1 or building\$1 or hazard\$1 or industry or industries))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:25 |
| S109 | 58   | S108 <b>AN</b> D (@pd< "20040203" or<br>@rlad< "20040203" or<br>@pt3d< "20040203" or   | US-PGPUB;<br>USPAT;<br>USOCR;  | OR | ON | 2011/12/11<br>22:25 |

|      |      | @ad< "20040203")   | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                                  |    |    |                     |
|------|------|--|--|----|----|---------------------|
| S110 | 1282 | (risk\$1 or liabilit\$4 or hazard\$4 or<br>threat\$1 or vulnerab\$5) NEAR7<br>(matrix\$2 or matrices or chart\$1 or<br>table\$1 or (column\$1 SAME row\$1)<br>or graph\$3 or intersect\$5) NEAR7<br>(reduc\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:37 |
| S111 | 93   | S110 AND ((type\$1 or class\$3 or classify\$3 or classification\$1 or categor\$3 or sector\$1) NEAR6 (facilit\$3 or plant\$1 or nuclear\$1 or building\$1 or hazard\$1 or industry or industries))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:37 |
| S112 | 65   | S111 AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:38 |
| S113 | 1801 | (risk\$1 or liabilit\$4 or hazard\$4 or<br>threat\$1 or vulnerab\$5) NEAR7<br>(matrix\$2 or matrices or chart\$1 or<br>table\$1 or (column\$1 SAME row\$1)<br>or graph\$3 or intersect\$5) NEAR7<br>(protect\$4 or insur\$5 or mitigat\$5 or<br>remediat\$5 or reduc\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:43 |
| S114 | 35   | S113 SAME (linear\$2 or nonlinear\$2<br>or non-linear\$2 or log\$1 or<br>logaritm\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:43 |
| S115 | 20   | S114 AND (@pd< "20040203" or<br>@rlad< "20040203" or<br>@pt3d< "20040203" or<br>@ad< "20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:44 |
| S116 | 5    | (risk\$1 NEAR4 (reduction\$1 or<br>mitigat\$5) NEAR5 (matrix\$2 or<br>matrices)) AND (@pd<"20040203"<br>or @rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>22:53 |
| S117 | 306  | (risk\$1 SAME (reduction\$1 or<br>mitigat\$5) SAME (matrix\$2 or<br>matrices)) AND (@pd<"20040203"<br>or @rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/12/11<br>23:06 |
| S118 | 29   | S117 and "705"\$.ccls.   | US-PGPUB;  | OR | ON | 2011/12/11          |

|      |     |  | USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB              |    |     | 23:06               |
|------|-----|--|--|----|-----|---------------------|
| S119 | 12  | (risk\$1 NEAR7 (control\$2) NEAR5<br>(matrix\$2 or matrices)) AND<br>(@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/12/11<br>23:18 |
| S120 | 342 | (((severe or severity) NEAR8<br>(occurrence\$1 or frequenc\$3)) SAME<br>(linear\$2 or nonlinear\$2 or non-<br>linear\$2 or log or logarith\$5)) AND<br>(@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203" or<br>@ad<"20040203") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/12/11<br>23:22 |
| S121 | 75  | (((severe or severity) NEAR8<br>(occurrence\$1 or frequenc\$3)) SAME<br>(linear\$2) SAME (nonlinear\$2 or<br>non-linear\$2 or log or logarith\$5))<br>AND (@pd<"20040203" or<br>@rlad<"20040203" or<br>@pt3d<"20040203")                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/12/11<br>23:22 |
| S122 | 0   | S121 and "705"\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/12/11<br>23:23 |
| S123 | 11  | S120 and "705"\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/12/11<br>23:25 |
| S124 | 578 | (705/7.28).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/12/11<br>23:50 |
| S125 | 674 | (705/7.26).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/12/15<br>22:40 |

12/15/2011 10:48:31 PM

 $\textbf{C:} \ \textbf{Users} \ \textbf{sdiaz} \ \textbf{Documents} \ \textbf{EAST} \ \textbf{Workspaces} \ \textbf{10588195d.wsp}$